



	1	50
AiBtR	(1) MGVDVRILTAALVLLAASSTTSAQGMPFESRCAYMTDIPRPDERPELPI	
SfBtR	(1) MAVDVRILTATLLVLTTATAQRDR-----CGYMEIPRPDRP-DFPPQ	
HzBtR	(1) MAVDVRILTAAVFIIAAHLTFAQD-----CSYMAIPRPERP-DFPSL	
OnBtR	(1) MGVERFFPAVLLVSLASAALANQR-----CSYIIIAIPRPETP-ELPPI	
BmBtR	(1) MGVDVRILATLLLIYAETVLAQER-----CGFMAIPRPPRP-DLPEL	
MsBTR	(1) MAVDVRIAFLLVFIAPAVLAQER-----CGYMTAIPLPRPDNLNPVL Signal Peptide	
	51	100
AiBtR	(51) IYDGLSWNERPLVPANEDRLDVCMDEFF-----RGMQYIFMEEEIHGD	
SfBtR	(43) NFDGLTWAQQPLLPAED-REEVCLNDYEPPDPWSNNHGDQRIYMEEEIEGP	
HzBtR	(43) NFDGIPWSRYPLIPVEG-REDVCMNEFQ---PDALNPVTVIFMEEEIEGD	
OnBtR	(43) DYEGKSWSEQPLIPGPT-REEVCMEN-----FLPDQMIQVIYMEEEIEGD	
BmBtR	(43) DFEGQTWSQRPLIPAAD-REDVCMDGYH--AMPTYGTQIIYMEEEIEGE	
MsBTR	(44) NFEGQTWSQRPLLPAPE-RDDLCMDAYH--VITANLGTQVIYMDDEEIEDE	
	101	150
AiBtR	(94) VPIAKLNYIGDKIPYVHSTFTVGSFRLLGPEIRKISG---DWHLVITNRQ	
SfBtR	(92) VVIAKINYQGNTPPQIRLPFRVGAAHMLGAEIREYPDATGDWYLVITQRQ	
HzBtR	(89) VAIARLNRYRGNTPTIVSPFSFGTFNMLGPVIRRIPENGGDWHLVITQRQ	
OnBtR	(87) VIIAKLNYQG--SNTPVLSIMSGQPRAQLGPEFRQNEADGQWSLVITQRQ	
BmBtR	(90) VPIAKLNYRGPNVPYIEPAFLSGSFNLLVPVIRRIPDSNGEWHLIITQRQ	
MsBTR	(91) ITIAILNYNGPSTPFIELPLSGSYNLLMPVIRRVDN--GEWHLIITQRQ	
	151	200
AiBtR	(141) DYEAG-TWFHAFTIRIDN-EVDAEVMLAIVNIDDNDPLIDLSEPCQIAEQ	
SfBtR	(142) DYETPDMQRYTDFVSVEGQSLVVTVRLDIVNIDDNAPIIEMLEPCNLPEL	
HzBtR	(139) DYETPGMQQYIFDVRVDEPLVATVMLLIVNIDDNDPIIQMFEPCDIPER	
OnBtR	(135) DYETATMQSYVFSIQVEGESQAVLVALEIVNIDDNPPILQVVSACVIPEH	
BmBtR	(140) DYETPGMQQYVFNIRIDGETLVAGSLLIVNIDDNAPIIQALEPCQVDEL	
MsBTR	(139) HYELPGMQQYMFNVRVDGQSLVAGVSLAIVNIDDNAPIIQNFEPCRVPEL	
	201	250
AiBtR	(189) RDARSVKTCRYIVHDVDGEISTRFMRYEIESGRG-DEEVFSLVREQAPNN	
SfBtR	(192) VEPH-VTECKYIVSDADGLISTSVMSYHIDSERG-DEKVFELIRKDYPG-	
HzBtR	(189) GETG-ITSCKYTVSDADGEISTRFMRFIEISSDRD-DDEYFELVRENIQG-	
OnBtR	(185) GEAR-LTDCVYQVSDRDGEISTRFMTFRVDSSRAADESIFYMVGEYDPS-	
BmBtR	(190) GEAR-LTECVYVVTADGRISTQFMQFRIDSFRG-DDKIFYIQGANIPG-	
MsBTR	(189) GEPG-LTECTYQVSDADGRISTEFMTFRIDSFRG-DEETFYIERTNIPN-	
	251	300
AiBtR	(238) EWMMWCYMVVEVKGSQDFAQNPLHIFRAHAFDSKDNTHSVLMTVEVKNVEQ	
SfBtR	(239) DWTKVYMVLELKKSQDYEEENPLHIFRVTASDSLPLPNRVTVMVVEVENVEH	
HzBtR	(236) QWMYVHMRVHVKKPLDYEEENPLHIFRVTAYDSLPLPNHTVTMMVQVENVEN	
OnBtR	(233) DWFNMKMTVGINSPLNFETTQLHIFSVTASDSLPLPNHTVTMMVQVENVES	
BmBtR	(237) EWIRMTMTVGINEPLNFETNPLHIFSVTALDSLPLPNHTVTLMVQVENVEH	
MsBTR	(236) QWMWLNMNTIGVNTSLNFVTSPLHIFSVTALDSLPLPNHTVTMMVQVANVNS	

FIG. 2A

	301	350
AiBtR	(288) RPPQWIEIFAVQQFDEKIKKSFRVRAIDADTGINKTISYRLRTAVGEENL	
SfBtR	(289) RNPRWMEIFAVQQFDEKQAKSFTVRAIDGDTGINKPIFYRIETEDEDKEF	
HzBtR	(286) RPPRWMEIFAVQQFDEKTEQSFRVRAIDGDTGIDKPIFYRIETEKGEEDL	
OnBtR	(283) RPPRWVEIFSVQQFDEKTNQSFSLRAIDGDTGINRAINYTLIR-DDADDF	
BmBtR	(287) RPPRWVEIFAVQQFDEKTAQSFVRAIDGDTGINKPIHYRLET-AEEDTF	
MsBTR	(286) RPPRWLEIFAVQQFEEKSYQNFTVRAIDGDTEINMPINYRLIT-NEEDTF	
	351	400
AiBtR	(338) FELETKEGSQ-GVWLHVGPIDRDELEKEVFLLSIIAYKYGDDG----TLY	
SfBtR	(339) FSIENIGEGRDGARFHAPIDRDYLKRMFHIRIIAYKQGDNDKEGESSF	
HzBtR	(336) FSIQTIEGGREGAWFNAPIDRDTLEKEVFHVSIIAYKYGNDVEGSSSF	
OnBtR	(332) FSLEVIEDG---AILHVTEIDRKLERELFNLTTIVAKSTD-----ASF	
BmBtR	(336) FHIRTIEGGRSGAILYVDPIDRDTLQREVQLSIIAYKYDN-----ESS	
MsBTR	(335) FSIEALPGKGSGAVFLVSPIDRDTLQREVPLTIVAKYDE-----EAF	
	401	450
AiBtR	(383) ETPANITIIIINDVNDQLPSPLKEGGVYTIDIMEETPMTLN-LENFGFHDR	
SfBtR	(389) ETSANVTIIIINDINDQRPEPFHK--EYTISIMEETAMTLD-LQEFGFHDR	
HzBtR	(386) QSKTDVVIIIVNDVNDQAPLPFRE--EYSIEIMEETAMTLN-LEDGFHDR	
OnBtR	(373) ATEAHIFIIVNDVNDQRPEPLHK--EYSIDIMEETPMTLNNEEFGFHDR	
BmBtR	(380) ATAANVVIIIVNDINDQRPEPLFK--EYRLNIMEETALTLPFDQEFGFHDR	
MsBTR	(379) STSTNVVIIIVTDINDQRPEPIHK--EYRLAIMEETPLTLNFDKEFGFHDK	
	451	500
AiBtR	(432) DLGPNAQYNVRLESVYPDGVHEAFYIAPERGYQRQSSLSTQNHMLDYD	
SfBtR	(436) DIGPHAQYDVHLESIQPEGAHTAFYIAPEEGYQAQSFTIGTRIHNMLDYE	
HzBtR	(433) DLGPHAQYTVHLESIHPPRAHEAFYIAPEVGYQRQSFIMGTQNHMLDFE	
OnBtR	(421) DLGENAQYTVLEDTVFFPPGAASAFYIAPGSGYQRQTFIMGTINHMLDYE	
BmBtR	(428) DLGQNAQYTVRLESVDPPGAAEAFYIAPEVGYQRQTFIMGTANHKMLDYE	
MsBTR	(427) DLGQNAQYTVRLESVDPPGAAEAFYIAPEVGYQRQTFIMGTLNHSMLDYE	
	501	550
AiBtR	(482) NETVDFTKIQIKAVAIDSNNTMGFATININLINWNDELPIFKNSVQNV	
SfBtR	(486) DDD-YRPGIQLKAVAIDRHDDNNHIGEAIININLINWNDELPIFDEDAYNV	
HzBtR	(483) VP--EFQNIQLRAVADMDDPKWVGIAIIINIKLINWNDELPMFESDVQTV	
OnBtR	(471) DV--IFQNIILKVAVMNNASHVGEALVYVNLINWNDELPIFEESSYSA	
BmBtR	(478) VP--EFQRIRLRVIATMDNEEHGVVAYYYINLINWNDEEPIFEHSVQNV	
MsBTR	(477) VP--EFQSITIRVVATDNNNDTRHVGVALVHIDLINWNDEQPIFEHAVQTV	
	551	600
AiBtR	(532) SFPETVAAGFHVATIKAEDRDVGDRVEHSLMGNAVDFLTIDKYSGEIFVA	
SfBtR	(535) TFEETVGDFGHIGKYRAKDRDIGDIVEHSILGNAANFLRIDIDTGDVYVS	
HzBtR	(531) SFDETEGAGFYVATVVAKDRDVGDKVEHSLMGNAVSYLRIDKETGEIFVT	
OnBtR	(519) SFKETVGAGFPVATVLALDRDIDVVVHSLMGNAVDYLFIDESTGEIFVS	
BmBtR	(526) SFKETEGKGFFVANVRAHDRVDIRVHETLMGNANNYLSIDKDTGDIHVT	
MsBTR	(525) TFDETEGEGFFVAKAVAHDRDIGDVVEHTLLGNAVNFLTIDKLTGDIRVS	

	601	650
AiBtR	(582) VNNSFNYHRQNELFIQIRADDTLGEGPYHTTSQLVIYLEDVNNTPPVLR	
SfBtR	(585) RDDYFDYQRQNEIIVQILAVDTLG-LPQNRAATTQLTIFLEDINNTPPILR	
HzBtR	(581) ENEAFNYHRQNELFVQIPADDTLG-EPYNTNTQLVIKLRDINNTPPTLR	
OnBtR	(569) MDDAFDYHRQNTLFVQVRADDTLGDGPHTVTTQLVIELEDVNNTPPTLR	
BmBtR	(576) QDDFFDYHRQSELFVQVRADDTLG-EPFHTATSQLLIHLEDINNTPPTLR	
MsBTR	(575) ANDSFNYHRESELFVQVRATDTLG-EPFHTATSQLVIRLNDINNTPPTLR	
	651	700
AiBtR	(632) LPRRGPHVEENVPHGHPITNDDGIQLIASDPDTAELWFEIDWEESYATK	
SfBtR	(634) LPRSSPSVEENVEVGHPITEG--LTATDPDT--TADLHFEIDWDNSYATK	
HzBtR	(630) LPRATPSVEENVPDGFVIP---TQLHATDPDTAELRFEIDWQNSYATK	
OnBtR	(619) LPRSTPSVEENVPEGYEIS---REITATDPDTSAYLWFEIDWDSTWATK	
BmBtR	(625) LPRGSPNVEENVPEGYIIT---SEIRATDPDTAELRFEIDWTTSYATK	
MsBTR	(624) LPRGSPQVEENVPDGHVIT---QELRATDPDTTADLRFEINWDTSFATK	
	701	750
AiBtR	(682) QGNE-TLKDEYRNCIEILTRYQDENRKGEAYGVLEVRQIRDDPVVTIDYE	
SfBtR	(680) QGTNGPNTADYHGCVEILTVYPDPDNHGRAEGHLVAREVSDG--VTIDYE	
HzBtR	(676) QGRN-TDSKEYIGCIEIETIYPNINQRGNAIGRVVVREIRDG--VTIDYE	
OnBtR	(665) QGRE-TNPTEYVGCVIETIYPTEGNRGSAIGRLVQEI RDN--VTIDFE	
BmBtR	(671) QGRE-ANPIEFHNCVEIETIYPAINNRGSAIGRLVVKIREN--VTIDYE	
MsBTR	(670) QGRQ-ANPDEFRNCVEIETIFPEINNRGLAIGRVVAREIRHN--VTIDYE	
	751	800
AiBtR	(731) EFEVLYLVVRVRDRNNTLGDDYDEGTLTITIIDMNDNWPTWEEGQLTQZF	
SfBtR	(728) KFEVLYLVVRVIDRNTVIGPDYDEAMLTITIIDMNDNWPIWADNLTQQT	
HzBtR	(723) MFEVLYLTIVRDLNTVIGEDHDISTFTITIIDMNDNPPLWVEGTLTQEF	
OnBtR	(712) EFEMLYLTVRVRDLNTVIGDDYDEATFTITIIDMNDNAPIFANGTLTQTM	
BmBtR	(718) EFEMLYLTVRVRDLNTVIGDDYDESTFTITIIDMNDNPPIWVPGTLEQSL	
MsBTR	(717) EFEVLSLTVRVRDLNTVYGDDYDEMLTTITIIDMNDNAPVWVEGTLEQNF	
	801	850
AiBtR	(781) RVREMSLSGVVIGSLRATDRDGPLYNQVRYTIQPVDGTPADLVAIDFRG	
SfBtR	(778) RVREMADEGVIVGTLLATDLDGPLYNRVRYTVMPIKDTPDDLIAINYVTG	
HzBtR	(773) RVREVAASGVVIGSVLATDIDGPLYNQVRYTITPRLDTPEDLVDIDFNTG	
OnBtR	(762) RVRELAASGTLIGSVLATDIDGPLYNQVRYTIQPRNNTPEGLVKIDFTTG	
BmBtR	(768) RVREMSDAGVVI GTLTATDIDGPLYNQVRYTMKANE GTPENLLMIDFYTG	
MsBTR	(767) RVREMSAGGLVVGSRADDIDGPLYNQVRYTIFPREDTDKDLIMIDFLTG	
	851	900
AiBtR	(831) QMTVQKNQAIDADVPPRFNLYYTVTASDKCSMEDQS-NCPDDKTYWNNTA	
SfBtR	(828) QLTVNKGQAIDADDPPRFYLYYKVTASDKCSLDEF FPVCPPDPTYWNTEG	
HzBtR	(823) QISVKLHQAI DADEPPRQNLYYTVIASDKCDLLTVT-ECPPDPTYFETPG	
OnBtR	(812) QIEVDANEAI DADEPWRFYLYYTVIASDECSLENRT-ECPPDSNYFEVPG	
BmBtR	(818) QITVKTSGAIDADVPRYNLYYTVVATDRCYAEDPD-DCPDDPTYWETPG	
MsBTR	(817) QISVNTSGAIDADTPPRFHLYYTVVASDRCSTEDPA-DCPPDPTYWETEG	

	901	950
AiBtR	(880) <i>KIAIQVIDTNNKVPFVEPEKFKN EVTIVEDPVTGVTFLTSESIYEDAVS</i>	
SfBtR	(878) <i>EIAIAITDTNNKIPRAET-----</i>	DMFPSEKRIYENTPN
HzBtR	(872) <i>EITIHITDTNNKVPQVE-----</i>	DDKFEATVYIYEGADD
OnBtR	(861) <i>DIEIEIIDTNNKVPPL-----</i>	TEKFNTTVYVWENATS
BmBtR	(867) <i>QVVIQIIDTNNKIPQPE-----</i>	TDQFKAVVYIYEDAVS
MsBtR	(866) <i>NITI HITDTNNKVPQAE-----</i>	TTKFDTVVYIYENATH
	951	1000
AiBtR	(930) <i>GDHVFQLFVGDLDRDLPNNNVSYTINFVNPRIRDFFEVDLVTGWVRVHY</i>	
SfBtR	(911) <i>GTKITIIASDQDRDRPNNALTYRINYAFNHRLENFFAVDPDTGELFVHF</i>	
HzBtR	(905) <i>GQHVVQIYASDLDRDEIYHKVSYQINYAINSRLRDFFEMDLESGLVYVNN</i>	
OnBtR	(894) <i>GDEVVQLYSHDRDRDELYHTVRYTMNFAVNPRLRDFFEVDLDTGRLEVHY</i>	
BmBtR	(900) <i>GDEVVKVIGSDLRDDIYHTIRYQINYAVNPRLRDFFAVDPDTGRVYVYY</i>	
MsBtR	(899) <i>LDEVVTLIASDLRDEIYHTVSYVINYAVNPRLMNF SVNRETGLVYVDY</i>	
	1001	1050
AiBtR	(980) <i>PG---PDKLDRDGDEPTHRIHFSIFDNFMSEGEPNRNQISGEALIILLDV</i>	
SfBtR	(961) <i>TT---EVLDRDGEEPEHRIIFTIVDNLEGAGDGNQNTISTEVRVILLDI</i>	
HzBtR	(955) <i>TAG---ELLDRDGDEPTHRIFFNVIDNFYGEGDGGRNQNQNETQVLVVLLDI</i>	
OnBtR	(944) <i>PG---DEKLDRDGDEPTHIIFVNFFIDNFFSDGDGRNQNDEVEIFVVLVDV</i>	
BmBtR	(950) <i>TT---DEVLDRDGDEPQHRIFFNLIDNFFQQGDGRNQNDAEVLVVLLDV</i>	
MsBtR	(949) <i>ETQGSGEVLDRDGDEPTHRIFFNLIDNFMGEGEGRNQNDETEVLVILLDV</i>	
	1051	1100
AiBtR	(1027) <i>NDNKPELPS PDSFPPWTVSESVVEGVRI PPEILAPDRDEPGTDNSRVAYD</i>	
SfBtR	(1008) <i>NDNKPELP-IPDGEFWTVSEGEVEGKRI PPEIHAHDRDEPFNDNSRVGYE</i>	
HzBtR	(1002) <i>NDNYPELP---ETIPWAISESLELGERVQPEIFARDRDEPGTDNSRVAYA</i>	
OnBtR	(991) <i>NDNAPEMPL-PDELRFDVSEGAVAGVRVLPEIYAPDRDEPDTDNSRVGYG</i>	
BmBtR	(997) <i>NDNAPELPE-PDELSWSVSESLTKGTRLQPHIYAPDRDEPDTDNSRVGYA</i>	
MsBtR	(999) <i>NDNAPELPP-PSELSWTISENLKQGVRL EPHIFAPDRDEPDTDNSRVGYE</i>	
	1101	1150
AiBtR	(1077) <i>LLGVTPER-DIEVPQLFKIETIEKD LG-INQTGILETVTPLQGYWGTYEI</i>	
SfBtR	(1057) <i>IRSIKLINRDIELPQDPFKIITIDDLDTWKFVGELETTMDLRGYWGTYDV</i>	
HzBtR	(1049) <i>ITGLASTDRDIQVPNL FNMITIERDRG-IDQTGILEAAMDLRGYWGTYQI</i>	
OnBtR	(1040) <i>IILDLTITDRDIEVPDLFTMISIEN-----KTGELETAMD LRGYWGTYEI</i>	
BmBtR	(1046) <i>IISLTIANREIEVPELFTMIQIQN-----VTGELETAMD LRGYWGTYAI</i>	
MsBtR	(1048) <i>ILNLSTER-DIEVPELFVMIQIAN-----VTGELETAMD LKG YWGTYAI</i>	
	1151	1200
AiBtR	(1125) <i>HIKAFDHG DPRQESDEKYQLVVRPYNFHEPTFVFPLDGSAIRLSRDRAIV</i>	
SfBtR	(1107) <i>EIRAFDHGFPM LDSFETYQLTVRPYNFHSPVVFPTPGSTIRLSRERAIV</i>	
HzBtR	(1098) <i>DIQAYDHGIPQRISNQKYPLVIRPYNFHD PVFVFPQPGSTIRLAKERAVV</i>	
OnBtR	(1084) <i>FIEAFDHGYPQQRSNETYTLVIRPYNFHHPVFVFPQPD SVIRLSRERATE</i>	
BmBtR	(1090) <i>HIKAYDHGIPQQMSNETYELVIRPYNFHAPVVFVFPKHGATLRLARERAVV</i>	
MsBtR	(1091) <i>HIRAFDHGIPQMSMNETYELIIHPFNYYAPEFVFPTNDAVIRLARERAVI</i>	

	1201	1250
AiBtR	(1175) SGELTVVGAAQ-APLQRISATDEDGLHAGTVSFVVGDEAMNYFDVWND	
SfBtR	(1157) NGMLALANIASGEFLDRLSATDEDGLHAGRVTFSIAGNDEAAEYFNVLND	
HzBtR	(1148) NGILATVDG---EFLDRIVATDEDGLEAGLVTFSIAGDDEDAQFFDVNLND	
OnBtR	(1134) GGVLATAAN---EFLEPIYATDEDGLHAGSVTFHVQGNEEAVQYFDITEV	
BmBtR	(1140) NGLLATVDG---EFLNRIVATDEDGLHAGQVAFEVVGDEAVDYFHIVND	
MsBtR	(1141) NGVLATVNG---EFLERISATDPDGLHAGVVFQVVGDEESQRYFQVVND	
	1251	1300
AiBtR	(1224) GE--NSGMLALKQALPDGFQEFLTIRATDAGDEPGPKSTDSTVVFIP	
SfBtR	(1207) GDN--SAMLTLKQALPAGVQQFELVIRATDGGTEPGPRSTDCSVVFVM	
HzBtR	(1195) GVN--SGALTTRLFPEEFREFQVTIRATDGGTEPGPRSTDCLTVVFVP	
OnBtR	(1181) GAGENSGQLILRQLFPEQIRQFRITIRATDGGTEPGPLWTDVTFSVVFVP	
BmBtR	(1187) GE--NSGTLMLKQLFPEDIREFEVТИRATDGGTEPRPLSTDCTFSVVFVP	
MsBtR	(1188) GE--NLGSLRLLQAVPEEIREFRITIRATDQGTDGPLSTDMLFRVVFVP	
	1301	1350
AiBtR	(1272) Q-VEPQFPTNTQEVAFIEFEAGRSERHELTAAVDQKNILCDIDCYTVYYT	
SfBtR	(1255) TQGDPVFDDNAASVRFVEKEAGMSEKFQLPQADDPKNYRCMDDCHTIYYS	
HzBtR	(1243) TQGEPVFEDRTYTVAFVEKDEGMLEEAEELPRASDPRNIMCEDDCHDTYYS	
OnBtR	(1231) TQGDPVFSENAATVAFFEGEEGLRESFELPQAEDLNHLCEDDCQDIYYR	
BmBtR	(1235) IQGEPIFPTSTHTVAFIEKEAGLLERHELPRAEDRKNHLCSDDCHNIYYR	
MsBtR	(1236) TQGEPRFASSEHAVAFIEKSAGMEESHQLPLAQDIKNHLCEDDCHSIYYR	
	1351	1400
AiBtR	(1321) IIGGNAAGHFALDG--NVLYLVSELDRAQAERHTLQVAASNV-PGVTAA	
SfBtR	(1305) IVDGNDGDHFAVEPETNVIYLLKPLDRSQEQYRVVVAASNT-PGGTSTL	
HzBtR	(1293) IVGGNSGEHFTVDPRTNVLSLVKPLDRSEQETHTLIGASDT-PNPAAVL	
OnBtR	(1281) FIDGNNEGLFVLDQSSNVISLAQELDREVATSYTLHIAASNSPDATGIPL	
BmBtR	(1285) IIDGNNDGHFGLDETTNVLFLVKELDRSSETYTLTIAASNS-PTGGIPL	
MsBtR	(1286) IIDGNSEGHFGLDPVRNRLFLKKELIREQSASHTLQVAASNS-PDGGIPL	
	<i>Cry1A Binding domain</i>	
	1401	1450
AiBtR	(1368) PASTLTIVTVREANPRPHFERNLYTTGMSATDTD SERPLLT VSATHSEG	
SfBtR	(1354) SSSLTVTIGVREANPRPIFESEFYTAGVLHTDSIH-KELVYLAHKSEG	
HzBtR	(1342) QASTLTVTNVREANPRPVFQRALYTAGISAGDFIE-RNLLTVATHSED	
OnBtR	(1331) QTSILVTVNVREANPRPIFEQDLYTAGISTLDSIG-RELLTVRASHTED	
BmBtR	(1334) TS-TITITVNVREADPQPYFVRDLYTAGISTSDSIN-RELLILQATHSEN	
MsBtR	(1335) PASILTWTVTVREADPRPVFVRELYTAGISTADSIG-RELLRLHATQSEG	
	<i>Cry1A Binding domain</i>	
	1451	1500
AiBtR	(1418) LPITYAIDQDSMVLDPTLEQVRESAFSMNPETGELMRMIQPNNAMHGMFE	
SfBtR	(1403) LPIVYSIDQETMKIDESLQTVVEDAFDINSATGVISLNFPSTSVMHGSFD	
HzBtR	(1391) LPITYTLIQESMEA DPTLEAVQESAFILNPETGVLSLNFPPTASMHGMFE	
OnBtR	(1380) DTITYTIDRASMQLDSSLEAVRDSAFA LHTTGVL SLMQPTASMHGMFE	
BmBtR	(1382) APIYTIDWSTMVTDPTLASVRETAFILNPHTGVLTNIQPTATMHGLFK	
MsBtR	(1384) SAITYAIDYDTMVVDPSLEAVRQSAFVLNAQTGVLTNIQPTATMHGLFK	
	<i>Cry1A Binding domain</i>	

	1501	1550
AiBtR	(1468) FDILATDTAGATGQSHVKVYLISSRNRYFTFYNSQESVQEHRRTFIAQTF	
SfBtR	(1453) FEVVASDTRGASDRAKVSIYMISTRVRVAFLFYNTAEVNERRNFIAQTF	
HzBtR	(1441) FEVKATDSRTETARTEVKVYLISDRNRFVFTFNNPLPEVTPQEDFIAETF	
OnBtR	(1430) FDVIATDTASAIDTARVKVYLISQRVTFIFDNQLETVEQNRNFIAATF	
BmBtR	(1432) FQVWATDPAGYSDRANVKIYLISTRNRVFVFLFVNTEQVEQNTDFIAQTF	
MsBtR	(1434) FEVTATDTAGAQDRTDVTVVVSSQRVYFVFVNTLQQVEDNRDFIADTF	
	Cry1A Binding domain	
	1551	1600
AiBtR	(1518) TRVYSMTCNIEDIVPATD-SNGQYLTTEHTVTAHFIRDDLPVDADDVQEL	
SfBtR	(1503) ANAFGMTCNIDSVLPATD-ANGVIREGYTELQAHFIRDDQPVPADYIEGL	
HzBtR	(1491) TAFFGMTCNIDQSWASDPVTGATKDDQTEVRAHFIRDDLPVPAEEIEQL	
OnBtR	(1480) STGFNMTCNIDQVVPFSD-SSGVAQDDTTEVRAHFIRDNVPVQAQEVAV	
BmBtR	(1482) SAGFEMTCNIDQVVPATD-ASGVIMNGITEVRGHFIRDNVPVPADEIETL	
MsBtR	(1484) SAGFNMTCNIDQVVPANDPVTGVALEHSTQMRGHFIRDNVPVLADEIEQI	
	1601	1650
AiBtR	(1567) IEDTELFRELRTTMLGLGLQLTNVQSGLPPSVAGEDQMLAVY <ins>ILAGLAGV</ins>	
SfBtR	(1552) FTELNTLRDIREVLSTQQLTLLDFAAGGSVLPGEYALAVY <ins>ILAGIAAL</ins>	
HzBtR	(1541) RGNPTLVNSIQRALEEONLQLADLFTGETPILGGDAQARALY <ins>YALAAVAAA</ins>	
OnBtR	(1529) RSDTVLLRTIQLMLSTNSLVLQDLVTGDTPTLGEESMQIAVY <ins>YALAAALS</ins> AV	
BmBtR	(1531) RGDMVLLTAIQSTLATRLLVRLDLFTDTPAP-DAGSAAVLY <ins>YALAVLS</ins> AL	
MsBtR	(1534) RSDLVLLSSIQTTLAARSLVLQDLLTNSSPDS-APDSSLTV <ins>VVLASLS</ins> AV	
	<u>Trans-</u>	
	1651	1700
AiBtR	(1617) <u>LALLCIVLLITFIIRNRSLNRRIAALSATKYNVDNSLNRI</u> GLAAPGTNK	
SfBtR	(1602) <u>LAVICLALLIAFFIRNRTLNRRIEALTI</u> KDVP-TDIEPNHASVAVLNINK	
HzBtR	(1591) <u>LALIVVLLIVFFVRTRTLNRRLQALSM</u> TKYSSQDGLNRVGLAAPGTNK	
OnBtR	(1579) <u>LGFLCLVLLLAFCRTRALNRQLQALSM</u> TKYGSVDSGLNRAGLAP-GTNK	
BmBtR	(1580) <u>LAALCLLLLVIIFIIRTKKNRRLEALTVKKYGSVDSGLNRVGIAAPGTNK</u>	
MsBtR	(1583) <u>LGFMCCLVLLTFIIRTRALNRRLREALSMTKYGSLDSGLNRAGIAAPGTNK</u> <u>membrane</u>	
	1701	1750
AiBtR	(1667) HAFE-PNPIWNETIKAPPDFDAISEQSNDSDLIGIEDLPQFRNDYFPPEQE	
SfBtR	(1651) HTEPGSNPFYNPDVKTPNFDTISEVS--DDLDVDEDLEQFGKDYFPPENE	
HzBtR	(1641) HAVEGSNPIWNETLKAPPDFDALSEQSYDSNDSDLIGIEDLPQFRNDYFPPEEG	
OnBtR	(1628) HAVEGSNPMWNEAIRAPPDFDAISDASGDSNDSDLIGIEDMPQFRDDYFPPGDT	
BmBtR	(1630) HAVEGSNPIWNETIKAPPDFDSMSDASNDSDLIGIEDLPHFGENNYFPRDV	
MsBtR	(1633) HTVEGSNPIFNEAIKTPDLDAISEGSNDSDLIGIEDLPHFGN---VFMDP	
	1751	1795
AiBtR	(1716) IDMNSNDIGYPEMDARNPLPNHENFGYSNAPFNPDFFTNSQSRR-	
SfBtR	(1699) IESLN-----FARNPIATHGNNFGVNSSPSNPEFSNSQFRS-	
HzBtR	(1691) SSMRG----VVNEHVPESIANHNNFGNSTPFSPEFANTQFRR-	
OnBtR	(1678) DSSSGIVLHMGEATDNKPVTTHGNNFGFKSTPYLPQPHPK-----	
BmBtR	(1680) DEFK-----TDKPEDIVATHNNNFGFKSTPFSPEFANQFQK--	
MsBtR	(1680) EVNE-----KANGYPEVANHNNFAFNPTPFSPEFVNGQFRKI	